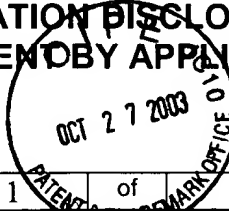


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		Application No.	09/854,246
		Filing Date	May 11, 2001
		First Named Inventor	Laurence J. Newell
		Art Unit	2633
		Examiner Name	Jason Chan
Sheet 1 of 1	Attorney Docket Number	20852-05639	

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
CAN	1	US-4,210,779	07-01-1980	Simokat
	2	US-4,768,186	08-30-1988	Bodell
	3	US-4,800,555	01-24-1989	Foschini
	4	US-5,060,310	10-22-1991	Frisch et al.
	5	US-5,678,198	10-14-1997	Lemson
	6	US-5,832,387 A	11-03-1998	Bae et al.
	7	US-6,236,726 B1	05-22-2001	Darveau
CAN	8	US-6,271,942 B1	08-07-2001	Sasai et al.

RECEIVED

OCT 30 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶

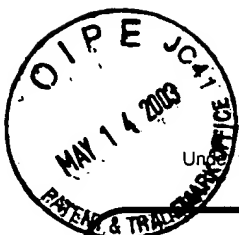
Examiner Signature	CAN	Date Considered	03/25/04
--------------------	-----	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20852/05639/DOCS/1385898.1



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	09/854,246
				Filing Date	May 11, 2001
				First Named Inventor	Laurence J. Newell
				Art Unit	2633
				Examiner Name	Jason Chan
Sheet	1	of	1	Attorney Docket Number	20852-05639

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
CMN	1	US-5,481,542	01-02-1996	Logston et al.
CMN	2	US-5,612,806	03-18-1997	Su et al.

RECEIVED

MAY 15 2003

FOREIGN PATENT DOCUMENTS					Technology Center 2600
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
CMN	3	JP09022038 A	01-21-1997	Kokusai Electric Co Ltd	
CMN	4	JP09098155 A	04-08-1997	Matsushita Electric Ind Co Ltd.	

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ⁶
CMN	5	Blumenthal, Daniel J. et al., "Fiber-Optic Links Supporting Baseband Data and Subcarrier-Multiplexed Control Channels and the Impact of MMIC Photonic/Microwave Interfaces," <i>IEEE Transactions on Microwave Theory and Techniques</i> (August 1997), Vol. 45, No. 8, pages 1443-1451.			
CMN	6	Liew, Soung C. et al., "A Broad-Band Optical Network Based on Hierarchical Multiplexing of Wavelengths and RF Subcarriers," <i>Journal of Lightwave Technology</i> (November 1989), Vol. 7, No. 11, pages 1825-1838.			

Examiner Signature	CMN	Date Considered	03/25/04
--------------------	-----	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



#6

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	09/854,246
				Filing Date	May 11, 2001
				First Named Inventor	Laurence J. Newell
				Art Unit	2633
				Examiner Name	Jason Chan
Sheet	1	of	1	Attorney Docket Number	20852-05639

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
CAN		US-6,603,822B2	08-05-2003	Brede et al.

RECEIVED

MAR 19 2004

Technology Center 2600

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶	

Examiner Signature	CAN	Date Considered	03/25/04
--------------------	-----	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20852/05639/DOCS/1414203.1